



AEROQUIP INNOVATIONS

100R5 CRIMP FITTINGS

New 100R5-style crimp fittings from Eaton Aeroquip complement the company's industry-recognized, reusable fitting line.

Eaton Aeroquip 100R5 fittings are a low-cost, lightweight alternative for high-volume applications that do not require field-assembled fittings. Unique crimping dies are required for assembly.

They have been designed and tested for use with FC300, 1503, FC234, FC350, and FC355 hose styles.

Applications

- Hydraulics handling petroleum-base fluids
- Air brake
- Oil cooler
- Diesel fuel

Features

- Designed as a one-piece fitting
- Lighter in weight than 100R5 reusable fittings
- Available in sizes -4 to -32
- Qualified with FC300, 1503, FC234, FC350, and FC355 hose styles
- Approved by the DOT for air brake applications

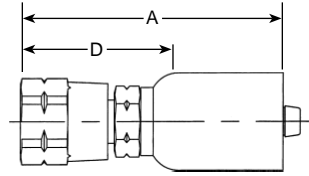
Benefits

- One-piece design simplifies ordering and inventory
- Cost reduction compared to 100R5 reusable fittings
- Easy to assemble



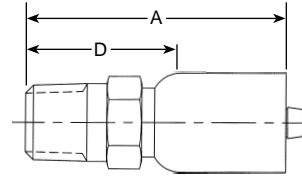
100R5

CRIMP FITTINGS



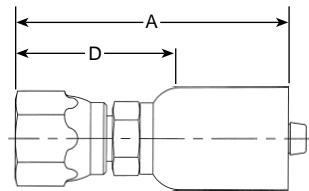
Straight SAE 45° Swivel

| Complete Fitting Part Number | Hose Size | A (inches) | D (inches) |
|------------------------------|-----------|------------|------------|
| FJ3094-0404S | -4 | 1.88 | 1.10 |
| FJ3094-0505S | -5 | 1.94 | 1.15 |
| FJ3094-0606S | -6 | 2.07 | 1.28 |
| FJ3094-0808S | -8 | 2.15 | 1.35 |
| FJ3094-1010S | -10 | 2.41 | 1.53 |
| FJ3094-1212S | -12 | 2.43 | 1.55 |



Male Pipe

| Complete Fitting Part Number | Hose Size | A (inches) | D (inches) |
|------------------------------|-----------|------------|------------|
| FJ3152-0404S | -4 | 1.85 | 1.06 |
| FJ3152-0406S | -4 | 1.85 | 1.06 |
| FJ3152-0606S | -6 | 1.85 | 1.06 |
| FJ3152-0808S | -8 | 2.15 | 1.35 |
| FJ3152-0810S | -8 | 2.24 | 1.36 |
| FJ3152-1212S | -12 | 2.24 | 1.36 |
| FJ3152-1616S | -16 | 2.61 | 1.63 |
| FJ3152-2020S | -20 | 2.98 | 1.79 |
| FJ3152-2424S | -24 | 3.38 | 1.90 |
| FJ3152-3232S | -32 | 4.11 | 2.19 |



SAE 37° Swivel (JIC) Swivel

| Complete Fitting Part Number | Hose Size | A (inches) | D (inches) |
|------------------------------|-----------|------------|------------|
| FJ3114-0404S | -4 | 1.88 | 1.10 |
| FJ3114-0505S | -5 | 1.94 | 1.15 |
| FJ3114-0606S | -6 | 2.07 | 1.25 |
| FJ3114-0808S | -8 | 2.15 | 1.35 |
| FJ3114-1010S | -10 | 2.41 | 1.53 |
| FJ3114-1212S | -12 | 2.43 | 1.55 |
| FJ3114-1616S | -16 | 2.77 | 1.73 |
| FJ3114-2020S | -20 | 2.97 | 1.79 |
| FJ3114-2424S | -24 | 3.43 | 1.94 |
| FJ3114-3232S ¹ | -32 | 4.25 | 2.33 |

¹FJ3114-3232S is factory crimp only.

Crimp Die Part Numbers

FT1307-200-R5-^{**} (-04 through -32)

FT1330-275-R5-^{**} (-04 through -20)

FT1380-275-R5-^{**} (-04 through -20)

^{**}must be replaced by appropriate dash size when ordering.



Eaton Aeroquip
 Industrial Division
 3000 Strayer Road, P.O. Box 631
 Maumee, Ohio 43537-0631
 419/867-2600, Fax: 419/867-2629
www.aeroquip.com



Specifications subject to change without notice